

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

BENJAMIN, S.

Atty. Ref.: 117-377

Serial No. unknown

Group:

Filed: January 7, 2002

Examiner:

For: DATA PROCESSOR

\* \* \* \* \*

January 7, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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APPLICANT

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(Use several sheets if necessary)

GROUP

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
		197 24 313 A1	12/1998	DE					
		0 920 149 A2	06/1999	EP					
		0 697 737 A1	02/1996	EP					
		99/53410	10/1999	WO					
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**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	INTERNET; <a href="http://xxx.lanl.gov/pdf/cond-mat/9808243">http://xxx.lanl.gov/pdf/cond-mat/9808243</a> ; 21 August 1998; "CELLULAR STRUCTURES FOR COMPUTATION IN THE QUANTUM REGIME"; S.C. Benjamin and N.F. Johnson; XP002149950; page 2, line 1- page 8, line 19; figures 1-3
	LENT C S et al; "QUANTUM CELLULAR AUTOMATA"; NANOTECHNOLOGY, January 1993; UK; vol. 4, no. 1; pages 49-57; XP000946209
	BENJAMIN S C; "SCHEMES FOR PARALLEL QUANTUM COMPUTATION WITHOUT LOCAL CONTROL OF QUBITS"; Physical Review; February 2000, APS Through AIP, USA; vol. 61, no. 2 pages 020301/1-4; XP000915374
	BENJAMIN S C et al; "A POSSIBLE NANOMETER-SCALE COMPUTING DEVICE BASED ON AN ADDING CELLULAR AUTOMATON"; Applied Physics Letters; 28 April 1997; AIP, USA; vol.70, no. 17; pages 2321-2323; XP002149949
*Examiner	
	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)